

## David C. Lahti

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Associate Professor of Biology, Queens College, City University of New York, 2016-present  
Doctoral Faculty in Psychology, The Graduate Center, City University of New York, 2013-present.  
Doctoral Faculty in Biology, The Graduate Center, City University of New York, 2009-present.  
Assistant Professor of Biology, Queens College, City University of New York, 2009-2016  
NIH NRSA Postdoctoral Fellow, University of Massachusetts, Amherst, 2005-2008  
Darwin Postdoctoral Fellow, University of Massachusetts, Amherst, 2003-2005

### EDUCATION

*Doctor of Philosophy* (Ecology and Evolutionary Biology), University of Michigan, 2003. Dissertation: "Ecology and evolution of breeding adaptations in the village weaverbird *Ploceus cucullatus*".  
*Doctor of Philosophy* (Moral Philosophy, Philosophy of Biology), Whitefield Institute at Oxford, U.K., 1998. Dissertation: "An appraisal of naturalism in contemporary meta-ethics".  
*Bachelor of Science* (Biology, History), Gordon College, MA, 1993.

### ACADEMIC AND ADMINISTRATIVE POSITIONS

Current positions:

- Queens College Graduate Advisory Committee, 2018-present.
- Queens College Biology Graduate Advisor and Director of the Queens College Master's Program in Biology, 2017-present.
- Board of Directors and Secretary, Thinking Animals United, 2016-present.
- Queens College Biology Graduate Advisory Committee, 2015-present.
- Faculty, New York Consortium in Evolutionary Primatology (NYCEP), 2015-present.
- Board of Advisors, St. Andrews Fellows Program in Science and Religion, St. Andrews University, U.K., 2015-present.
- Center for Computational Infrastructure for the Sciences, Queens College, 2014-present.
- Faculty, Africana Studies Certificate Program, Graduate Center at the City University of New York, 2014-present.
- Institutional Animal Care and Use Committee, Queens College, 2012-present.
- Advisory Committee, Biology Doctoral Program (Ecology, Evolution and Behavior Subprogram), Graduate Center at the City University of New York 2011-present.
- Founder and Curator, Online Bibliography Of Environmental Thought, 2010-present.

Past positions:

- Board of Advisors, National Speech and Debate Association, 2015-2017.
- Advisory Committee, Psychology Doctoral Program (Animal Behavior & Comparative Psychology Subprogram), Graduate Center at the City University of New York, 2014-2017.
- Undergraduate Research Coordinator, Department of Biology, Queens College CUNY, 2009-2017.
- CUNY Collaborative Incentive Research Grant Oversight Committee, 2015.
- Board of Advisors, John Templeton Foundation, 2010-2015.
- Chair, NESCent Working Group on Relaxed Selection and Trait Loss in Evolution, 2007-2010.
- Visiting Scholar, U. of Michigan Museum of Zoology, 2004-2007.
- Visiting Assistant Professor, Au Sable Inst. of Environmental Studies, Mancelona MI, 2003-2004.
- Research Assistant, U. of Michigan Genomic Diversity Laboratory, 2002.
- Curatorial Research Assistant, U. of Michigan Museum of Zoology, Bird Division, 2000, 2001.

## TEACHING

- Graduate Center, City University of New York, Assistant Professor, 2009-present  
Behavior and Evolution (BIOL 72406)  
Animal Behavior II (BIOL 72407 / PSYCH 71800)
- Queens College CUNY, Assistant Professor, 2009-present  
Great Ideas in Science (MNS 113, team-taught)  
Behavior and Evolution (BIOL 724.6)  
Animal Behavior (BIOL 345W/685.4)  
Ornithology (BIOL 386/723)  
Advanced Topics in Evolutionary Biology (BIOL 794.1)  
Principles of Evolution (BIOL 287/587)  
Biodiversity (BIOL385.4/685.4)
- University of Massachusetts, Postdoctoral Fellow, 2005, 2008, 2009  
Evolution (BIO280)  
Animal Behavior (BIO550)  
Animal Communication (OEB697)
- University of Massachusetts, Darwin Fellow, 2003-2005  
Experimental Studies of Adaptation (OEB697J)  
Evolution (BIO280)  
Biology and Social Issues (BIO105)
- Au Sable Institute of Environmental Studies, Visiting Assistant Professor, Summers 2003-2004  
Ornithology (BIOL305)  
Bioethics (BIOL/PHIL351)
- University of Michigan, Graduate Student Instructor, 1998-2002  
Biology for Nonscientists (BIO/EEB100)  
Introductory Biology (BIO/EEB162) (lab only)  
Evolution (BIO/EEB390) (discussion only)  
Behavioral Ecology (BIO/EEB492) (discussion only)  
Ornithology (EEB/NRE433)  
Independent Studies in Evolutionary Theory (BIO/EEB300)  
Topics in Behavioral Ecology (BIO/EEB 800)

## AWARDS, GRANTS, AND FELLOWSHIPS (PI in all cases except where noted)

## External sources:

- John Templeton Foundation Planning Grant: “Towards a new synthesis for cultural evolution”, 2016-2018, \$89,000.
- American Philosophical Association Grant: “An enduring platform for the Online Bibliography of Environmental Thought”, 2015-2017, \$3000.
- Paul C. Munding Memorial Fund (donation from Dr. M. O. Munding): “Cultural evolution of house finch (*Haemorrhous mexicanus*) song”, 2014-2018, \$29,000.
- National Science Foundation Grant (EF1137888): “Collaborative research: Multi-ancestor coalescent theory for cultural evolution” (Co-PI with Stefano Ghirlanda of Brooklyn College), 2011-2015, Lahti portion \$139,387.
- International Society for Environmental Ethics, funding for Online Bibliography of Environmental Thought, 2010-2013, \$3300.
- National Evolutionary Synthesis Center Working Group, 2007-2010

## City University of New York sources:

- Queens College Research Enhancement Award: “The neural basis and spatiotemporal dynamics of female preferences for male bird song (Co-PI with Dr. Carolyn Pytte of Queens College Psychology), 2017, \$6000.
- Professional Staff Congress – City University of New York Award: “The ecology of cultural evolution: a test using bird song”, 2016-2017, \$6000.
- Professional Staff Congress – City University of New York Award: “Evolution and social behavior in a globally invasive mammal”, 2014-2015, \$5710.
- Queens College Research Enhancement Award: “Advancing a quantitative and computational approach in cultural evolution”, 2014-2015, \$3000
- City University of New York Collaborative Incentive Research Grant (Lead PI; Co-PI Stefano Ghirlanda of Brooklyn College): 2014-2016, Lahti portion \$28,943.
- Queens College Undergraduate Research/Mentoring Education Grant: “Analysis of vocal development to distinguish nature and nurture”, 2012, \$2300.
- Queens College Research Enhancement Award: “Parasite-host coevolution between weaverbirds and cuckoos”, 2011-2012, \$5450.
- Queens College Research Enhancement Award: “Graduate student support: evolution of invasive species”, 2011, \$8800
- Professional Staff Congress – City University of New York Award: “Uncovering the deep history of a coevolutionary interaction”, 2010, \$5500

#### EDITING AND PEER REVIEW SERVICES

Reviewer for Journals: *American Naturalist*, *Animal Behaviour*, *Animal Conservation*, *Auk*, *Australasian Journal of Philosophy*, *Behavioral Ecology*, *Behavioral Ecology and Sociobiology*, *Behaviour*, *Biodiversity and Conservation*, *Biological Conservation*, *Biological Journal of the Linnean Society*, *Biology Letters*, *Canadian Journal of Zoology*, *Condor*, *Ecology Letters*, *Ecoscience*, *Ethology*, *Evolution*, *Evolutionary Ecology*, *Evolutionary Ecology Research*, *Faculty of 1000 Research*, *Global Change Biology*, *Ibis*, *Journal of Animal Ecology*, *Journal of Avian Biology*, *Journal of Evolutionary Biology*, *Journal of Field Ornithology*, *Journal of Ornithology*, *Journal of the American Academy of Religion*, *Journal of Zoology*, *Landscape Ecology*, *Nature*, *Nature Communications*, *Nature Ecology & Evolution*, *Oikos*, *Perspectives on Science and Christian Faith*, *PLoS One*, *Proceedings of the National Academy of Sciences of the U. S. A.*, *Proceedings of the Royal Society of London B*, *Science*, *Science & Christian Belief*, *Wildlife Research*, *Wildlife Society Bulletin*, *Wilson Journal of Ornithology*

Reviewer of Academic Books: Bloomsbury, Cambridge University Press, Cold Spring Harbor Press, , John Wiley & Sons, Lynx Edicions, Oxford University Press, Rodopi/Brill, Sinauer Associates, W. H. Freeman, Yale University Press.

Reviewer for Granting Organizations: American Philosophical Society, Animal Behavior Society, Biotechnology and Biological Sciences Research Council (U.K.), Explorers Club, John Templeton Foundation, National Environmental Research Council (U.K.), National Geographic Society, National Science Foundation, Netherlands Organisation for Scientific Research, Research Foundation of the City University of New York

Reviewer for Tenure/Promotion/Honors:

Cambridge University, U.S. National Academy of Sciences, University of Massachusetts

Associate Editor: *Auk: Ornithological Advances* (2013-present)

Guest Editor: *Evolution and Human Behavior* (vol. 26, iss. 1, 2005)

#### ADVISING

Postdoctoral Researchers:

- Dr. Bobby Habig (2017-present), PhD University of Notre Dame

- Dr. Andrew F. Richards (2015-present), PhD University of Michigan

Doctoral Students Supervised:

- Danielle Wasserman, Ph.D. (in progress), Doctoral Program in Biology, Graduate Center, CUNY.
- Mason Youngblood, Ph.D. (in progress), Doctoral Program in Psychology, Graduate Center, CUNY.
- Frances Geller, Ph.D. (in progress), Doctoral Program in Biology, Graduate Center, CUNY.
- M. Aaron Owen, Ph.D. 2017, Doctoral Program in Biology, Graduate Center, CUNY. Dissertation: *Sexual Selection and Rapid Evolution in an Introduced Mammal*.
- Chenghui Ju, Ph.D. 2015. Doctoral Program in Biology, Graduate Center, CUNY. Dissertation: *Cultural Evolution in Natural Populations: A Quantitative Bioacoustic Analysis*.
- Elliot Aguilar, Ph.D. 2015. Doctoral Program in Biology, Graduate Center, CUNY. Dissertation: *Models and Methods in Social and Cultural Evolution*.

Masters Students Supervised:

- Maleha Mahmud, M.A. (in progress), Dept. Biology, Queens College CUNY.
- Cristina Morales, M.A. (in progress), Dept. Biology, Queens College CUNY.
- Daisy Cheung, M.A. (in progress), Dept. Biology, Queens College CUNY.
- Macarena Graciela Gomez de la Torre, M.A. (in progress), Dept. Biology, Queens College CUNY.
- Salvatore Asaro, M.A. (in progress), Dept. Biology, Queens College CUNY.
- Amanda Goldstein, M.A. (in progress), Dept. Biology, Queens College CUNY.
- Al Domeyko, M.A. (in progress), Dept. Biology, Queens College CUNY.
- Charles Maniego, M.A. (in progress), Dept. Biology, Queens College CUNY.
- Jacqueline Milander, M.A. (in progress), Dept. Biology, Queens College CUNY.
- Wendy Castillo, M.A. (in progress), Dept. Biology, Queens College CUNY.
- Eric Roginek, M.A. 2018, Dept. Biology, Queens College CUNY. Research Thesis: “Spatial variation of house finch (*Haemorhous mexicanus*) song along the American southwest coast”.
- Christian Van Deurs, M.A. 2017, Dept. Biology, Queens College CUNY. Thesis: “Cultural evolution in mammals”.
- Johanna Navarro, M.A. 2015. Dept. Biology, Queens College CUNY. Research Thesis: “Studies in environmental and evolutionary changes in bird egg color”.

Undergraduate Students Supervised (current and graduated Lahti Lab research students only):

- Shari Zimmerman, second B.A. (in progress), Dept. Biology, Queens College CUNY.
- Ariella Kornreich, B.A. (in progress), Honors Program in Mathematics and Natural Sciences, Queens College CUNY.
- Susan Yin, second B.A. 2018, Dept. Biology, Queens College CUNY.
- Anne Harrison, B.A. 2018, Dept. Biology, Queens College CUNY.
- Mark Megerian, B.A. 2017. Dept. Biology, Queens College CUNY.
- Harsangeet Gill, B.A. 2017. Dept. Biology, Queens College CUNY.
- Michelle Mordukhaev, B.A. 2017. Dept. Biology, Queens College CUNY.
- Amanda Goldstein, B.A. 2017, Dept. Biology, Queens College CUNY.
- Giulietta Coppola, B.A. 2016, Dept. Biology, Queens College CUNY.
- Tashi Chosum, B.A. 2016, Dept. Biology, Queens College CUNY.
- Teresa Wu, B.A. 2016, Dept. Computer Science, Queens College CUNY.
- Anna McPherran, B.A. 2016, Honors Program in Mathematics and Natural Sciences, Queens College CUNY. Thesis: “Possible effects of anthropogenic noise and land use on house finch songs in California.”
- Daniele De Leone, B.A. 2016, CUNY BA for Unique and Interdisciplinary Studies.
- Cheyenne Ganesh, B.A. 2015, Honors Program in Mathematics and Natural Sciences, Queens College CUNY. Thesis: “Nature and nurture in song development: a case study on swamp

sparrows (*Melospiza georgiana*)”.

- Charles Maniego, B.A. 2015, Honors Program in Mathematics and Natural Sciences, Queens College CUNY. Thesis: “Cultural mutation and variation in house finch (*Haemorhous mexicanus*) song”.
- Joseph Arbelaez, B.A. 2014, Dept. Biology, Queens College CUNY.
- Julieana Steiner, B.A. 2014, Dept. Biology, Queens College CUNY.
- Ester Yuabova, B.A. 2013, Dept. Biology, Queens College CUNY.
- Lauren Adragna, B.A. 2013, Dept. Biology, Queens College CUNY.
- Simon Lee, B.A. 2013, Dept. Biology, Queens College CUNY.
- Nardai Mootoo, B.A. 2012, Dept. Anthropology, Queens College CUNY.
- Robert Habig, second B.A. 2012, Dept. Biology, Queens College CUNY.
- Maureen (Pereyra) Banach, B.A. 2012, Dept. Biology, Queens College CUNY.
- Sharon Slomovich, B. A., 2011, Dept. Biology, Queens College CUNY.
- Seema Choudhary, B.A., 2011, Dept. Anthropology, Queens College CUNY. Honors Thesis: “Ethnobotany of Janjangbureh Island, The Gambia, West Africa”.
- Stephanie Kandasami, B.A., 2011, Dept. Biology, Queens College CUNY. Honors Thesis: “A comparative study of the moral prohibitions of the Wolof and Bambara peoples of West Africa”.
- Khaleda Khan, B.A., 2011, Dept. Biology, Queens College CUNY. Honors Thesis: “Mate attraction dominates the behavior of a colonially breeding bird”.
- John McEachern, B.S., 2008, Dept. Biology, University of Massachusetts.
- Stephanie Wallace, B.S. Honors, 2007, Dept. Biology, University of Massachusetts.
- Lindsay Cook, B.S., 2006, Dept. Biology, University of Massachusetts.
- Timothy Whitman, B.S. Honors, 2005, Depts. Biology and Economics, University of Massachusetts. Thesis: “Applying game theory to the evolution of cooperation”.

Other Research Students and Interns (Dept. Biology, Queens College CUNY except where noted):

- Graduate students: Rita Monfort (2009-2011, coadvised); Rose Chin-Hong (2010-2012); Nardai Mootoo (2010-2012); Jacquelyn Song (2011-2013); Gianna McArthur (2011-present); Alison Bromberg Powell (2012-2014); Olivia Ferrari (2013, University College London); Gennesis Zuleta (2013-2015, Hollins University); Sara Paccione (2013-present); Ronveer Chakraborty (2015-2017); Daniel Mann (2015-present, CUNY PhD program in Linguistics); Ruthba Anam (2016-2017); Jonathan Goodman (2016-2018); Natasza Fontaine (2016-2018); Khaleda Khan (2011-2017, lab manager).
- Undergraduates: Beata Rozbicka (2009-2010); Dov Rosenbaum (2010); Sarah Leibowitz (2010); Omar Qureshi (2010); Annakarina Marinos (2010-2011); Kailin Quo (2011); Stephanie Dunn (2011, Bard College); Shuaib Uddin (2012); Lizbeth Vazquez (2012-present); Trisha Guduru (2013); Ivana Bharat (2013-2014); Jackie Robins (2014, SUNY Binghamton); Melakhem Davidov (2014); Shani Schreiber (2014-2015), Abudoula Nulumu (2014-2015), Shivangi Maini (2014-2015), Nikki Hanson (2014-2015).

Graduate Committee Membership:

- Jasmin Alim, M.A. (in progress), Dept. Biology, Queens College, CUNY. Chair Prof. Mitchell Baker.
- Irene Hoxie, Ph.D. (in progress), Program in Biology, CUNY. Chair Prof. John Dennehy.
- Alexis Brewer, Ph.D. (in progress), Program in Biology, CUNY. Chair Prof. José Anadón.
- Aishwarya Bhattacharjee, Ph.D. (in progress), Program in Biology, CUNY. Chair Prof. José Anadón.
- Jennifer Savoie, Ph.D. (in progress), Program in Psychology, CUNY. Chair Prof. Andrew Delamater.

- Alexis Amann, Ph.D. (in progress), Program in Anthropology, CUNY. Chair Prof. Larissa Swedell.
- Frieda Benun Sutton, Ph.D. (in progress), Program in Biology, CUNY. Chair Prof. Tony Wilson.
- Daniel Mann, Ph.D. (in progress), Program in Linguistics, CUNY. Chair Prof. Juliette Blevins.
- Olivia Davis, Ph.D. (in progress), Program in Psychology, CUNY. Chair Prof. Frank Grasso.
- Coby Klein, Ph.D. (in progress), Program in Biology, CUNY. Chair Prof. Mitchell Baker.
- Maria Roe, M.A. 2018. Dept. Biology, Queens College, CUNY. Research Thesis: "Survivorship of New York City's diamondback terrapins: determining impacts on survival of nesting females in Jamaica Bay, NY". Chair Prof. José Anadón.
- Olivia Piñeiro, M.A. 2018. Dept. Biology, Queens College, CUNY. Research Thesis: "Structure of the fish community of Jamaica Bay in space and time". Co-Chairs Prof. José Anadón and Prof. John Waldman.
- Marlén Acosta Alamo, M.A. 2018. Dept. Biology, Queens College, CUNY. Research Thesis: "Impact of climate change on local tree species richness in Mexico". Chair Prof. José Anadón.
- Shahrina Chowdhury, Ph.D. 2018. Program in Anthropology, CUNY. Dissertation: *Stress and Sociality in Female Chacma Baboons (Papio ursinus) in the Cape Peninsula of South Africa: Behavioral Flexibility and Coping Mechanisms*. Chair Prof. Larissa Swedell.
- Maritza Rodríguez Cardeñas, M.A. 2017. Dept. Biology, Queens College, CUNY. Chair Prof. John Waldman.
- Iva Ljubicic, Ph.D. 2017. Program in Biology, CUNY. Dissertation: *Social Influences on Songbird Behavior: From Song Learning to Motion Coordination*. Chair Prof. Ofer Tchernichovski.
- Katie Sheridan, M.A. 2017. Dept. Biology, Queens College, CUNY. Research thesis: "Habitat use of a population of primarily forest-dwelling brown teal, pateke (*Anas chlorotis*). Chair Prof. John Waldman.
- Laurin Larian, M.A. 2017. Dept. Biology, Queens College, CUNY. Chair Prof. Nathalia Holtzman.
- Shuk Tsoi, Ph.D. 2016. Program in Neuropsychology, CUNY. Dissertation: *Adult Neurogenesis in Avian Auditory Cortex, Caudomedial Nidopallium (NCM): Lateralization and Effects of Statins*. Chair Prof. Carolyn Pytte.
- Alec Luro, M.A. 2016. Program in Animal Behavior, Hunter College, CUNY. Research Thesis: "An investigation of the nest sanitation hypothesis for the evolution of foreign egg rejection in brood parasite hosts". Chair Prof. Mark Hauber.
- Iliana Medina, Ph.D. 2015. Program in Evolution, Ecology and Genetics, Research School of Biology, Australian National University. Dissertation: *Macroevolutionary Outcomes of Coevolution Between Avian Brood Parasites and Their Hosts*. Chair Prof. Naomi Langmore.
- Gregory Barord, Ph.D. 2015. Program in Biology, CUNY. Dissertation: *On the Biology, Behavior, and Conservation of the Chambered Nautilus, Nautilus sp.*. Chair Prof. Jenny Basil.
- Maria Palacios, M.A. 2015. Dept. Biology, Queens College, CUNY. Chair Prof. Mitchell Baker.
- Heather Spence, Ph.D. 2015. Program in Psychology, CUNY. Dissertation: *The Importance of Bioacoustics for Dolphin Welfare: Soundscape Characterization with Implications for Management*. Chair Prof. Martin Chodorow.
- Xenia Freilich, Ph.D. 2015. Program in Biology, CUNY. Dissertation: *Diversity and Phylogeography of Anurans of the Highlands of Ethiopia*. Chair Prof. Stéphane Boissinot.
- Carlos Romero, M.A. 2015. Dept. Biology, Queens College, CUNY. Chair Prof. Alicia Meléndez.
- Kristen Ho, M.A. 2014. Dept. Biology, Queens College, CUNY. Chair Prof. John Waldman.
- Beki Croston, Ph.D. 2013. Program in Biology, CUNY. Dissertation: *Testing Assumptions of Coevolution in an Egg-Rejecting Brood Parasite Host: Uncovering Sensory, Cognitive, and Evolutionary Drivers of Responses to Parasitism in American Robins (Turdus migratorius)*. Chair Prof. Mark Hauber.
- Karyn Collie, Ph.D. 2013. Program in Biology, CUNY. Dissertation: *Sibling Egg Cannibalism by Neonates of the Colorado Potato Beetle, Leptinotarsa decemlineata*. Chair Prof. Mitchell Baker.

- Dana Moseley, Ph.D. 2013. Program in Organismic and Evolutionary Biology, University of Massachusetts. Dissertation: *Vocal Performance in Songbirds: Territorial Defense and the Development of Male Song and Female Mating Preferences*. Chair Prof. Jeff Podos.
- James Haven, Ph.D. 2010. Program in Biology, CUNY. Dissertation: *Evolutionary Analyses on the Core Genome of *Borrelia burgdorferi sensu lato*: Elucidating the Genomics of Virulence*. Chair Prof. Weigang Qiu.
- Daniel Hanley, Ph.D., 2010. Dept. Biological Science, University of Windsor. Dissertation: *The Function and Evolution of Egg Colouration in Birds*. Chair Prof. Stéphanie Doucet.
- Carol Henger, M.A., 2010. Dept. Psychology, Hunter College CUNY. Research Thesis: “Applying Electronic Data-Logging Technology to Measure Anti-Parasitic Behaviors of the Red-Winged Blackbird (*Agelaius phoeniceus*)”, Chair Prof. Mark Hauber.
- Wassem Moarsi, M.A., 2010. Dept. Biology, Queens College CUNY. Research Thesis: “Development of Resistance to Imidacloprid and Spinosad in the Colorado Potato Beetle (*Leptinotarsa decemlineata*) and Cross-Resistance Patterns”, Chair Prof. Mitchell Baker.
- Alex Sarch, Ph.D., 2009. Dept. Philosophy, University of Massachusetts. Dissertation: *Theories of Well-being*. Chair Prof. Fred Feldman.
- Ana Gabela, M.S., 2007. Program in Organismic and Evolutionary Biology, University of Massachusetts. Research Thesis: “Population structure and philopatry in Darwin’s finches”, Chair Prof. Jeff Podos.

## PROFESSIONAL PUBLICATIONS

### Peer-reviewed Journal Articles:

1. Ju, C., F. C. Geller, P. C. Munding, and D. C. Lahti. 2019. Four decades of cultural evolution in house finch songs. *Auk: Ornithological Advances* **136**:1-18.
2. Youngblood, M. P. and D. C. Lahti. 2018. A bibliometric analysis of the interdisciplinary field of cultural evolution. *Palgrave Communications* **4**:120, 1-9.
3. Habig, B., P. I. Chiyo, and D. C. Lahti. 2017. Male risk-taking is related to number of mates in a polygynous bird. *Behavioral Ecology* **28**:541-548.
4. Podos, J., D. L. Moseley, S. E. Goodwin, J. McClure, B. N. Taft, A. V. H. Strauss, C. Rega-Brodsky, and D. C. Lahti. 2016. A fine-scale, broadly-applicable index of vocal performance: frequency excursion. *Animal Behaviour* **116**:203-212.
5. Lahti, D. C. and D. R. Ardia. 2016. Shedding light on bird egg color: pigment as parasol and the dark car effect. *American Naturalist* **187**: 547-563.
6. Owen, M. A. and D. C. Lahti. 2015. Sexual dimorphism and condition dependence in the anal pad of the small Indian mongoose (*Herpestes auro-punctatus*). *Canadian Journal of Zoology* **93**:397-402.
7. Lahti, D. C. 2015. The limits of artificial stimuli in behavioral research: the umwelt gamble. *Ethology* **121**:529-537.
8. Habig, B. and D. C. Lahti. 2014. Heterospecific intrusions, synchronous fleeing, and nest attendance in a weaverbird colony. *Journal of Ornithology* **156**:551-555.
9. Navarro, J. Y. and D. C. Lahti. 2014. Light dulls and darkens bird eggs. *PLoS One* **9**:e116112.
10. Munding, P. C. and D. C. Lahti. 2014. The quantitative integration of genetic factors in the learning and production of canary song. *Proceedings of the Royal Society of London B* **281**:20132631.
11. Lahti, D. C. 2013. The sociality of nesting in Rüppell’s Weaver (*Ploceus galbula*) and the Lesser Masked Weaver (*P. intermedius*) in an Ethiopian acacia woodland. *Ostrich: Journal of African Ornithology* **84**:1-4.
12. Moseley, D. L., D. C. Lahti, and J. Podos. 2013. Responses to song playback vary with vocal performance of both signal senders and receivers. *Proceedings of the Royal Society of London B* **280**: 20131401.

13. Johnson, N. A., D. C. Lahti, and D. T. Blumstein. 2012. Combating the assumption of evolutionary progress: lessons from the decay and loss of traits. *Evolution: Education & Outreach* **5**:128-138.
14. Lahti, D. C., D. L. Moseley, and J. Podos. 2011. A performance-accuracy tradeoff in bird song learning. *Ethology* **117**:1-10.
15. Lahti, D. C. 2011. Why humans discover. *Euresis Journal* **1**:75-89.
16. Podos, J., D. C. Lahti, and D. L. Moseley. 2009. Vocal performance and sensorimotor learning in songbirds. *Advances in the Study of Behavior* **40**:159-195.
17. Lahti, D. C. 2009. Why we have been unable to generalize about bird nest predation. *Animal Conservation* **12**: 279-281.
18. Lahti, D. C., N. A. Johnson, B. C. Ajie, S. P. Otto, A. P. Hendry, D. T. Blumstein, R. G. Coss, K. Donohue, and S. A. Foster. 2009. Relaxed selection in the wild. *Trends in Ecology & Evolution* **24**:487-496. (Cover story).
19. Lahti, D. C. 2008. Population differentiation and rapid evolution of egg color in accordance with solar radiation. *Auk* **125**: 796-802.
20. Lahti, D. C. 2006. Persistence of egg recognition in the absence of cuckoo brood parasitism: pattern and mechanism. *Evolution* **60**: 157-168.
21. Lahti, D. C. and B. S. Weinstein. 2005. The better angels of our nature: group stability and the evolution of moral tension. *Evolution and Human Behavior* **26**: 47-63.
22. Lahti, D. C. 2005. Evolution of bird eggs in the absence of cuckoo parasitism. *Proceedings of the National Academy of Sciences of the U.S.A.* **102**: 18057-18062.
23. Lahti, D. C. and R. B. Payne. 2003. Morphological and behavioural evidence of relationships of the cuckoo-finch *Anomalospiza imberbis*. *Bulletin of the British Ornithologists' Club* **123**: 113-124.
24. Lahti, D. C. 2003. Parting with illusions in evolutionary ethics. *Biology and Philosophy* **18**: 639-651.
25. Lahti, D. C. 2003. A case study in invasive species assessment: the village weaverbird *Ploceus cucullatus*. *Animal Biodiversity and Conservation* **26**: 45-54.
26. Lahti, D. C. 2003. Cactus fruits may facilitate village weaverbird (*Ploceus cucullatus*) breeding in atypical habitat on Hispaniola. *Wilson Bulletin* **115**: 487-489.
27. Lahti, D. C., A. R. Lahti, and M. Dampha. 2002. Associations between nesting village weavers *Ploceus cucullatus* and other animal species in The Gambia. *Ostrich: Journal of African Ornithology* **73**: 59-60.
28. Lahti, D. C. and A. R. Lahti. 2002. How precise is egg discrimination in weaverbirds? *Animal Behaviour* **63**: 1135-1142.
29. Lahti, D. C. 2001. The 'edge effect on nest predation' hypothesis after 20 years. *Biological Conservation* **99**: 365-374.

#### Book Chapters and Essays:

30. Summers, K., D. Lahti, S. Braude, B. Strassmann, and J. Strassmann. 2019. Obituary: The nine lives of Richard D. Alexander. *Evolution & Human Behavior* **40**:133-139.
31. Lahti, D. C. 2018. Evolution doesn't eliminate, it illuminates: a comment for Dr. Shoppa of St. Francis College. *ASEBL Journal* **18**:7-10.
32. Lahti, D. C. 2018. Behavior. *Inference: International Review of Science* **3**(4).
33. Ju, C. and D. C. Lahti. 2017. Review of Tim Burkhead, *The Most Perfect Thing: Inside (and Outside) a Bird's Egg*. *Auk: Ornithological Advances* **134**:922-924.
34. Lahti, D. C. 2016. An ambivalent amphibian. *Inference: International Review of Science* **2**(4).
35. Maniego, C., F. C. Geller, C. Ju, K. Khan, and D. C. Lahti. 2015. Song sharing and assessment of individual identity in house finches. A white paper to accompany the house finch (*Haemorhous mexicanus*) recordings of Paul C. Munding deposited at the Macaulay Library of Natural Sounds. Cornell Laboratory of Ornithology. 15 May, 10pp.



36. Lahti, D. C. and F. Nottebohm. 2014. *In Memoriam: Paul C. Munding, 1934-2011*. *Auk: Ornithological Advances* **131**:116-119.
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44. Lahti, D. C. 2009. The place where extinction was discovered (A review of *Lost Land of the Dodo* by Anthony Cheke and Julian Hume). *Journal of Field Ornithology* **80**:438-442.
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47. Lahti, D. C. 2007. Similarities in vocal learning between humans and other animals. In M. Bekoff (ed.), *Encyclopedia of Human-Animal Relationships*. Westport, CT: Greenwood Publishing Group, pp. 248-252.
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49. Lahti, D. C. 2007. Birds as symbols in human culture. In M. Bekoff (ed.), *Encyclopedia of Human-Animal Relationships*. Westport, CT: Greenwood Publishing Group, pp. 451-458.
50. Lahti, D. C. 2005. The village weaverbird: marvel or menace? In R. T. Wright and B. J. Nebel, *Environmental Science*, 9th ed. Englewood Cliffs, NJ: Prentice Hall, p. 96. (Reappears in slightly altered form in 10<sup>th</sup> ed., 2007; and 11<sup>th</sup> ed., 2009).
51. Lahti, D. C. 2004. "You have heard... but I tell you...": a test of the adaptive significance of moral evolution. In P. Clayton and J. Schloss (eds.) *Evolution and Ethics*. Grand Rapids, MI: Eerdmans, pp.132-150.

#### Books:

52. Lahti, D. C. 2003. *Ecology and Evolution of Breeding Adaptations in the Village Weaverbird Ploceus cucullatus*. Ph.D Dissertation, Ecology and Evolutionary Biology, University of Michigan. 211+xiii pp.
53. Lahti, D. C. 1998. *An Appraisal of Ethical Naturalism*. Ph.D. Dissertation, Moral Philosophy, Whitefield Institute Oxford. 242+viii pp.
54. Lahti, D. C. 1995. *The Edward Payson Vining Collection: A Guide to Literature Dealing with the American Indian*. Wenham, MA: Gordon College. 424+xxxiii pp.

#### SOFTWARE

- San, Y., Hanson, N., J. Y. Wu, T. Crupi, and D. C. Lahti. 2018. *Online Bibliography of Environmental*

*Thought* (MongoLabs Platform). International Society for Environmental Ethics / American Philosophical Association / Queens College Center for Computational Infrastructure for the Sciences. [beta]

- Ju, C. and D. C. Lahti. 2014. *FinchCatcher*: a pipeline for the automated detection, quantitative analysis, and comparative study of natural sounds recorded amid ambient noise. Queens College, CUNY.

#### WEB AUTHORING

- D. C. Lahti – <http://davidlahti.net>
- Lahti Lab – <http://lahtilab.org>
- Biology Department, Queens College, City University of New York – <http://biology.qc.cuny.edu>
- The Ideas of Richard D. Alexander - <http://richarddalexander.com>
- Online Bibliography of Environmental Thought – <http://www.isee-obet.org>

#### PROFESSIONAL PRESENTATIONS (last 5 years; \*invited)

- \*BioLogos Foundation, Baltimore, MD. Workshop Organizer. March 2019.
- \*John Templeton Foundation, Scarsdale, NY. Video Interview. January 2019.
- \*Hunter College Department of Chemistry, City University of New York, NY. "Why are robin eggs blue?" November 2018.
- \*The Veritas Forum, Cambridge, MA. Video Interview. October 2018.
- \*Cognition and Comparative Psychology Colloquium, The Graduate Center of the City University of New York, NY. "Why are robin eggs blue?". October 2018.
- \*New Jersey Institute of Technology, Newark, NJ. "Evolution and God?" April 2018.
- \*Columbia University, Faculty Roundtable. New York, NY. Facilitator. April 2018.
- \*Ohio State University, Columbus, OH. "Science, religion, and democracy", and debate with Dr. Philip Kitcher. April 2018.
- \*Columbia University, Faculty Roundtable. New York, NY. Facilitator. March 2018.
- \*John Templeton Foundation, 5-Year Strategic Planning Meeting, Antigua, Guatemala. Participant. March 2018.
- \*Rider University, Lawrence Township, NJ, hosted by the Rider Philosophy Club. "Do we have purpose?", and debate. November 2017.
- \*Brooklyn College Department of Psychology, New York. "The anthropology and behavioral ecology of our moral nature." November 2017.
- \*Massachusetts Institute of Technology, Cambridge, MA. "Faith and evolution". July 2017.
- \*Gordon College Department of Biology, Wenham, MA. "Why robin eggs are blue and other news from the bird nest." June 2017.
- \*NYC Moral Sense Symposium III, St. Francis College, New York. Plenary Address: "Celebrating 45 years of giving professional moralists the heebie-jeebies". June 2017.
- \*John Templeton Foundation, 5-Year Strategic Planning Meeting, Antigua, Guatemala. Participant. March 2017.
- \*New York University Department of Anthropology, New York. "Origins of evolutionary biology", and class discussion. March 2017.
- \*Fordham University Department of Biology, New York. "Interplay of nature and nurture in the evolution of bird song". December 2016.
- \*Cambridge University, Faraday Institute Summer Course, Cambridge, U.K. "Evolution & Moral Freedom", and panel discussion. July 2016.
- \*Cambridge University, Faraday Institute Summer Course, Cambridge, U.K. "Biology & Personhood", and panel discussion. July 2016.

- \*Oxford University, Lady Margaret Hall, Oxford, U.K. “Can moral values survive evolutionary analysis?”. July 2016.
- CUNY Graduate Center Ecology & Evolutionary Biology Symposium, New York. “Why are robin eggs blue?”. February 2016.
- Queens College Biology Department Symposium, New York. “Why are robin eggs blue?”. January 2016.
- \*CUNY Graduate Center Philosophy Department, New York. “Relationship counseling for natural and moral philosophy.” November 2014.
- \*Gordon College Herrmann Lectures, Wenham, MA. “Is life going anywhere? Biology, randomness, and purpose”, respondent. November 2014.
- International Society for Behavioral Ecology biennial meeting, CUNY, New York. “Macroevolution of responses to brood parasitism in weavers: one or multiple trajectories?” August 2014.
- Joint Meeting of the Wilson Ornithological Society and the Association of Field Ornithologists, Salve Regina University, Newport, RI. “Egg variation and defenses against brood parasitism in Rüppell’s weaver.” May 2014.
- \*University of Massachusetts Organismic and Evolutionary Biology Program 20<sup>th</sup> Anniversary Symposium, Amherst, MA. “Spontaneous generation of laboratory culture.” April 2014.
- Northeast Evolutionary Psychology Society Annual Meeting, SUNY New Paltz, NY. “Relationship counseling for evolutionary psychology and philosophy.” April 2014.
- \*Moral Sense Colloquium, St. Francis College, New York. “Morality and its relationship to human evolution,” respondent and panelist. March 2014.
- \*Columbia University Seminar in Population Biology, New York. “Social learning is biased: evidence from sparrows and canaries.” March 2014.
- Queens College Department of Biology, City University of New York. “An evolutionary perspective on moral tension.” December 2013.
- \*Vrije Universiteit, Amsterdam, Netherlands. “The evolution of religion,” and panel discussion. August 2013.
- \*Vrije Universiteit, Amsterdam, Netherlands. “An evolutionary perspective on the history and functions of morality,” and panel discussion. August 2013.
- Animal Behavior Society annual meeting, University of Colorado, Boulder, CO. “Integration of genetic factors in the learning and production of canary song.” July 2013.
- Animal Behavior Society annual meeting, University of Colorado, Boulder, CO. “Egg variation and defenses against brood parasitism in Rüppell’s Weaver.” July 2013.
- City University of New York Animal Behavior Initiative Second Annual Conference, New York. “Towards a macroevolutionary perspective on defenses against brood parasitism.” April 2013.
- \*Brooklyn College Department of Biology, City University of New York, “Learned behaviors still evolve: lessons from birds.” March 2013.

#### ADDENDUM: GRANTS AND AWARDS TO LAB MEMBERS

(only entries of \$1000 or more are listed)

#### External sources

- Danielle Wasserman<sup>D</sup>: John S. Hilson Family Fund, 2016-2020, \$20,000
- M. Aaron Owen<sup>D</sup>: Sigma Xi Grant In Aid Of Research, 2015, \$1000
- M. Aaron Owen<sup>D</sup>: American Society of Mammalogists Grant in Aid of Research, 2015, \$1500
- Elliot Aguilar<sup>D</sup>: American-Scandinavian Foundation Research Grant, 2015, \$5000
- Chenghui Ju<sup>D</sup>: Animal Behavior Society Student Research Grant, 2014, \$1300
- M. Aaron Owen<sup>D</sup>: Fulbright Research Fellowship – India (Fulbright-Nehru Fellowship), 2013-2014, \$18,000
- M. Aaron Owen<sup>D</sup>: Sigma Xi Grant In Aid Of Research, 2013, \$1000

- Elliot Aguilar<sup>D</sup>: National Science Foundation / Swedish Research Council, Nordic Research Opportunities Fellowship. 2012-2014, \$25000
- Stephanie Kandasami<sup>U</sup>, Cornell Traveler's Summer Research Fellowship, 2011, \$1400
- Elliot Aguilar<sup>D</sup>: National Science Foundation, Graduate STEM Fellowship in K-12 Education, 2011-2015, \$30,000
- Elliot Aguilar<sup>D</sup>: National Science Foundation, Graduate Research Fellowship, 2011-2015, \$92,000
- Elliot Aguilar<sup>D</sup>: Santa Fe Institute Complex System Science Scholarship, 2011, \$1000

City University of New York sources

- Mason Youngblood<sup>D</sup>: CUNY Doctoral Student Research Grant, 2018, \$1000
- M. Aaron Owen<sup>D</sup>: CUNY Graduate Center Dissertation Fellowship, 2015-2016, \$22,000
- M. Aaron Owen<sup>D</sup>: CUNY Graduate Center Doctoral Student Research Grant, 2015, \$1500
- Chenghui Ju<sup>D</sup>: CUNY Graduate Center Doctoral Student Research Grant, 2014, \$1040